

BROOKSIDE LABORATORIES, INC.

** WATER ANALYSIS REPORT **

Freestone Club
Fairfield, TX

File Number: 91984
Date Received: 4/29/2024
Date Reported: 4/30/2024

Submitted By: Soil and Water Consulting

Lab Number	0863
Sample Location	IRRIGATION WATER
Sample Description	LAKE SHORE PAR 3

pH	7.73
Hardness (ppm)	129.92
Hardness (grains/gal)	7.60
Conductivity (mmhos/cm)	0.45
Sodium Adsorp. Ratio	1.48
Adjusted SAR	2.22
Adjusted RNa	1.54
pHc	7.90
Residual Sodium Carbonate (RSC)	-0.30

		(ppm)	meq/l	lbs/ac in
Calcium (Ca)		35.69	1.78	8.09
Magnesium (Mg)		9.87	0.81	2.24
Potassium (K)		7.79	0.20	1.77
Sodium (Na)		38.80	1.69	8.80
Iron (Fe)		< 0.10		
Total Alkalinity (CaCO3)		114.66		26.00
Carbonate (CO3)		0.00		
Bicarbonate (HCO3)		139.91	2.29	31.73
Hydroxide (OH)		0.00		
Chloride (Cl)		47.15	1.33	10.69
Sulfur as (S04)		45.14	0.94	10.24
Salt Concentration (TDS)		285.63		64.78
Boron (B)		0.17		0.04

Manganese (Mn)	< 0.020
Copper (Cu)	< 0.020
Zinc (Zn)	< 0.040
Aluminum (Al)	< 0.200

Cation/Anion Ratio	0.98
--------------------	------

NO3-N (ppm)	< 0.10
Total P (ppm)	< 0.20

Reviewed by: _____